User Manual

LifeStyle

CANDY GRIP

HIMS

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1. What is LifeStyle CANDY GRIP?

LifeStyle CANDY GRIP is a handheld electronic video magnifier that helps people with low vision to read printed materials like personal mail, magazines, newspapers, restaurant menus, product catalogs, medicine bottles, grocery items and much more.

In addition to magnifying, LifeStyle CANDY GRIP can change the text and background color to enhance the image contrast for a more comfortable reading. You can select among 5 color modes.

The continuous digital zoom magnification feature allows you to change the magnification level from 1.5x to 22x. The auto focus feature helps to keep a sharp image while moving the camera across the line of print.

CANDY GRIP's ergonomic three-position handle is designed to be held comfortably by either right-handed or left-handed users. Hold the handle in the center position or at a 45-degree angle.

2. Safety Precautions

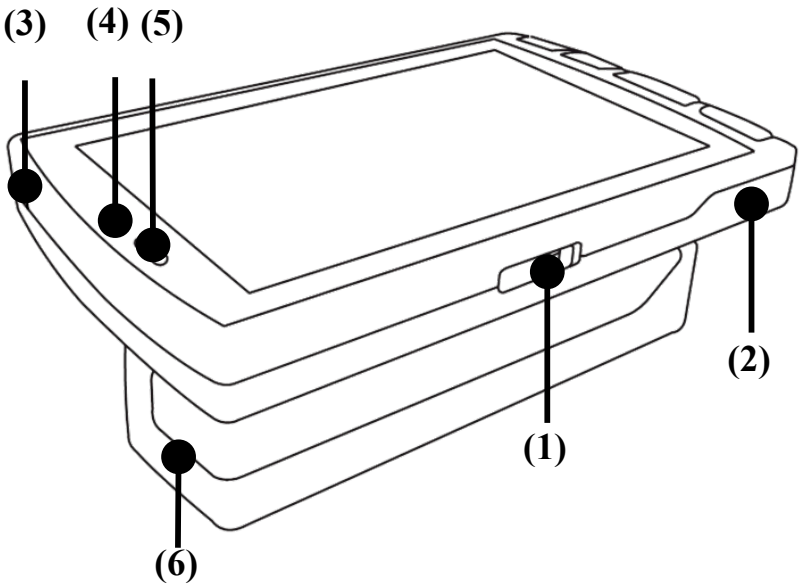
Protect yourself and CANDY GRIP by observing the following precautions.

- Do not plug the AC adapter into a faulty electrical outlet. This is to prevent electrical shock or fire.
- Do not touch the AC adapter with wet hands.
- Only use the AC adapter provided with CANDY GRIP. Using another AC adapter may damage the device.
- Do not use the CANDY GRIP in a moisture environment like a bathroom, shower or on a wet surface like a kitchen counter. This is to prevent any damage.
- Do not disassemble the CANDY GRIP. If you or any unauthorized person or company disassembles the device, serious damage may occur to the device and the warranty will be voided.
- Do not use CANDY GRIP under direct sunlight or in a very hot or cold environment, as the image may not display accurately on the LCD screen. Do not use this device below 0°C or above 40°C.

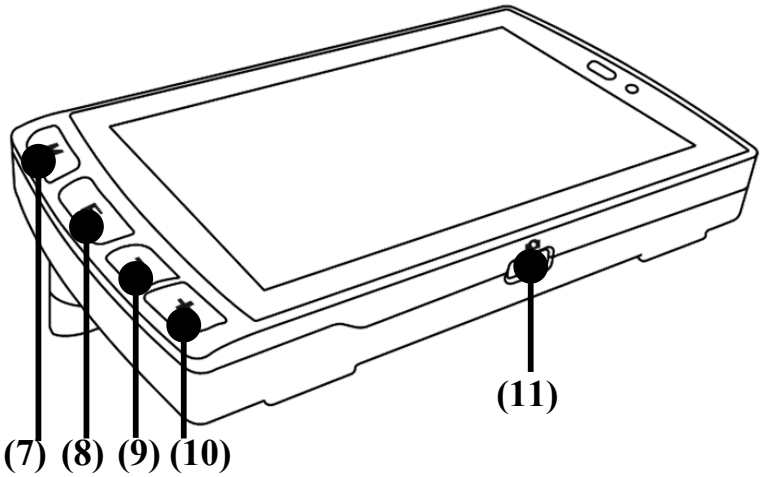
3. What's in the Box?

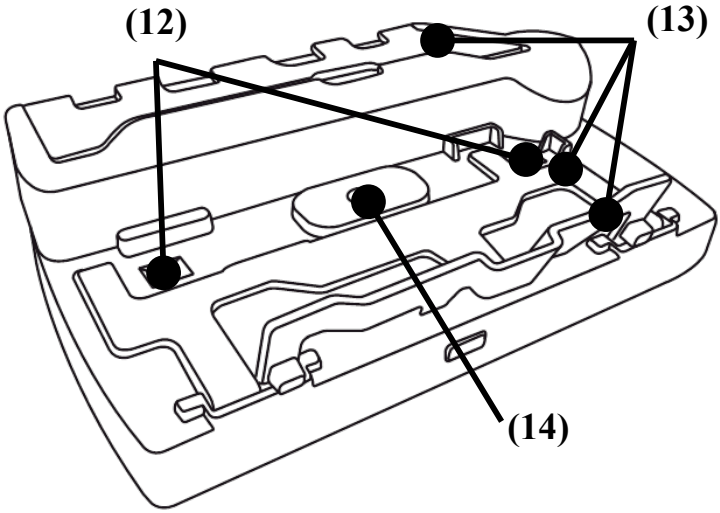
(a) LifeStyle CANDY GRIP
(b) AC Adapter
(c) Carrying Case
(d) Wrist Strap
(e) Screen Cleaning Cloth
(f) User Manual

4. Physical Description



(1) Power Switch
(2) DC Jack (connect to a AC adapter)
(3) Battery Charging Indicator
(4) Mirror View Camera
(5) Camera Selection Button
(6) Handle





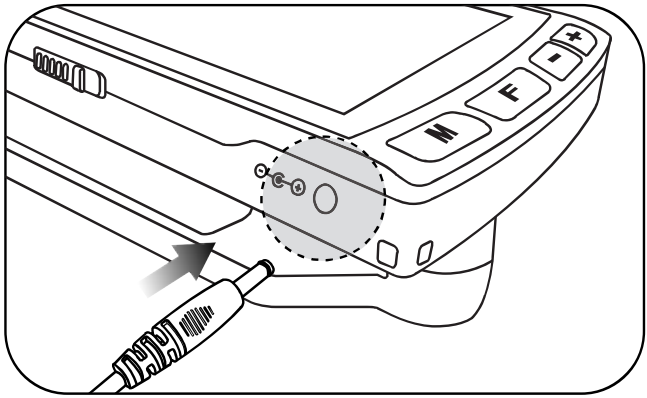
(7) Color Mode Button
(8) Focus Button
(9) Zoom Down Button
(10)Zoom Up Button
(11) Freeze Image Button
(12) LED Lights
(13) Legs
(14) Main Camera

5. Getting Started

(a) Charging the Battery

The rechargeable lithium polymer battery must be fully charged for approximately 3 hours prior to first use.

- Plug the AC adapter provided into the DC jack as shown in the diagram below.
- While charging, the device may feel warm.
- The Battery Indicator will show a red light. When fully charged, the Battery Indicator will show a green light.

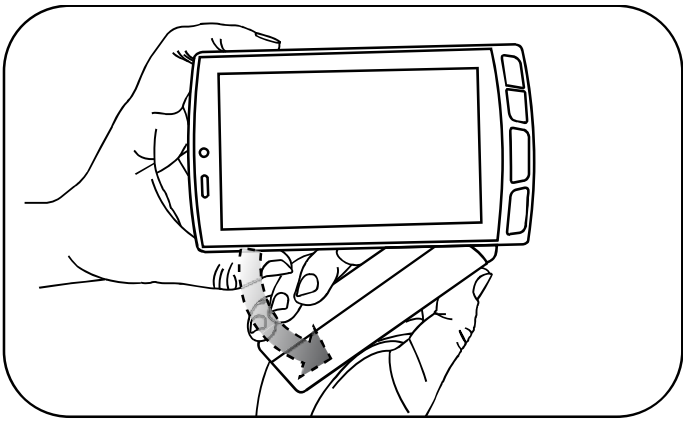


(b) Removing the Screen Protection Film

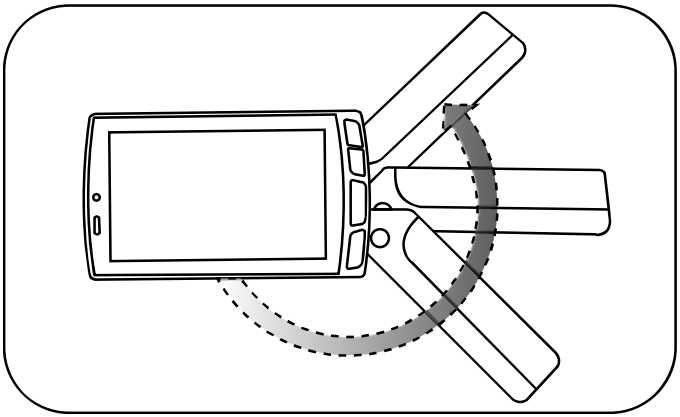
A protective film covers the LCD screen. Remove this film before using the CANDY GRIP.

(c) How to Use the Handle

LifeStyle CANDY GRIP is ergonomically-designed with three handle positions so it can be comfortably held by both left-handed and right-handed users.

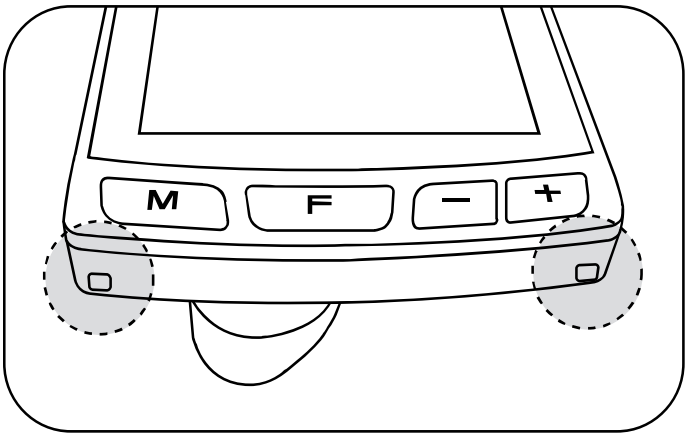


- Hold the unit with one hand while rotating the handle with your other hand. See the diagram above. You can feel the handle “click” into each of the three positions. See the diagram below.



(d) How to Connect the Wrist Strap

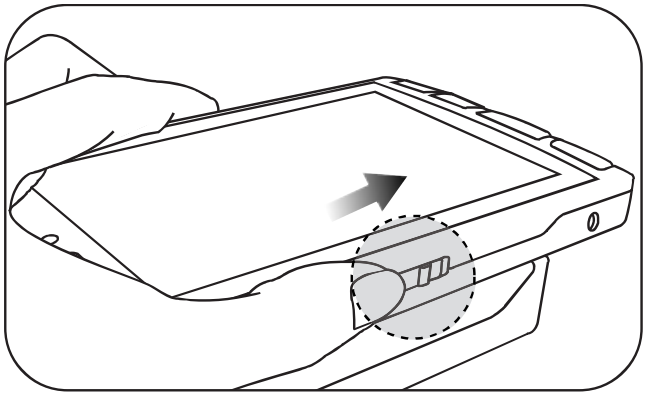
There are two holes as shown in the diagram below. You can connect the wrist strap through one of these holes.



6. How to Use LifeStyle CANDY GRIP

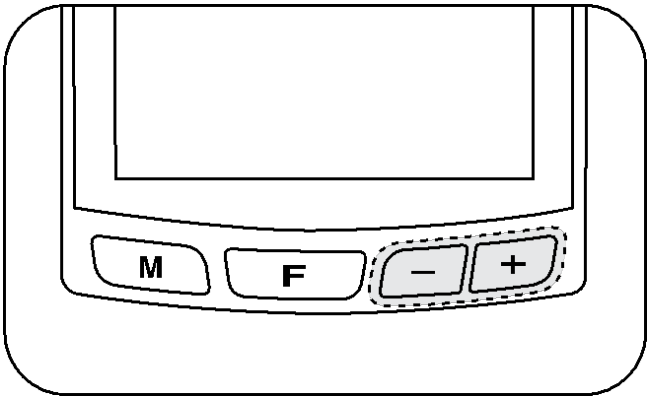
(a) Power On/Off

- To power on, slide the **Power switch** to the right, then release it. The magnified image will be displayed in about 3 seconds.
- To power off, slide the **Power switch** to the right, then release it. The device will turn off in about 3 seconds.



(b) Zoom Up/Down

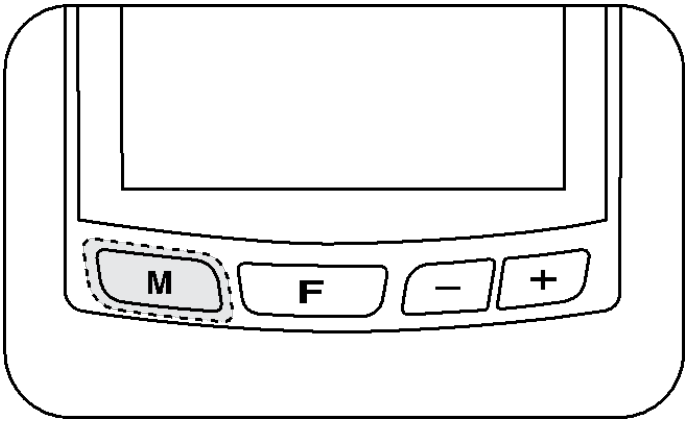
You can change the magnification level to suit your visual needs and comfort.



- Press the **Zoom Up button (+)** to increase the magnification level.
- Press the **Zoom Down button (-)** to decrease the magnification level.
- If you lift up the unit, the magnification level will decrease. You may need to press the **Focus button (F)** to refocus the image clearly depending on the distance away from the text or photo.

(c) Changing Color Modes

You can change the text and background color to accommodate your visual preference. To change the color mode, press the **Color Mode button (M)** as shown below.

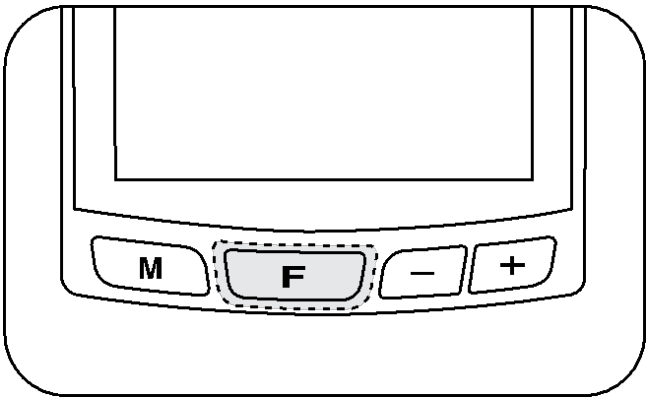


- There are 5 Color image choices:
  1) Natural Color
  2) White on Black (high contrast)
  3) Black on White (high contrast)
  4) Reverse Grayscale
  5) Yellow on Blue (high contrast)
- Reverse grayscale mode is used to read documents with low contrast letters displayed on a light colored background, for example, yellow letters on yellow-green background.

(d) Focusing

CANDY GRIP is designed with an auto focus camera. If the text is on glossy paper, or on an uneven or round surface, like a vitamin bottle or soup can, you may need to refocus the image.

⑦ Focusing



- If the image is not in focus, press the **Focus button (F)** to refocus. The **Focus button** works in both the Auto Focus and the Manual Focus modes as explained below.

② Changing Focus Modes

You can switch to the Manual Focus Mode if you want to try manually focusing on the image.

- **Manual Focus Mode**

  While in Auto Focus Mode, press the **Focus button (F)** for 2 seconds, to activate the Manual Focus Mode.

  While in Manual Focus Mode, the CANDY GRIP will focus only when you press the **Focus button (F).**

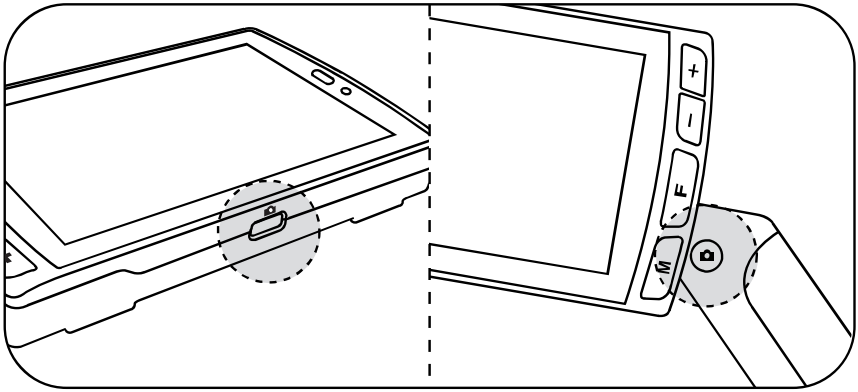
- **Auto Focus Mode**

  While in Manual Focus Mode, press the **Focus button (F)** for 2 seconds to activate the Auto Focus Mode.

  While in Auto Focus Mode, the CANDY GRIP will focus on the image automatically.

  ** The default focus mode is Auto Focus Mode.

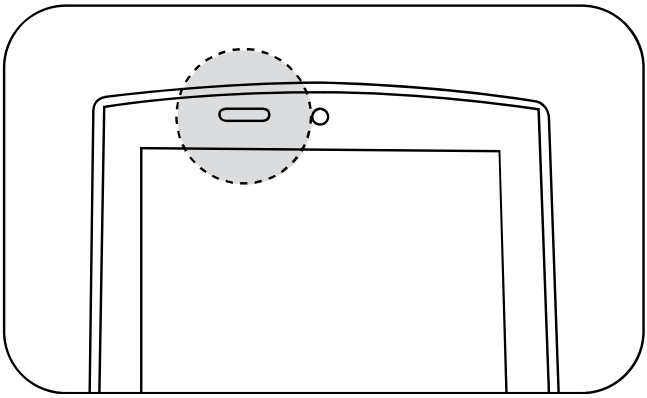
(e) Freeze Image



- There are two **Freeze Image buttons**: one on the side of the LCD screen and the other on the handle.
- Press and release the **Freeze Image button** to take a still shot. CANDY GRIP will freeze the still shot when the button is released.
- Press the **Freeze Image button** again to release the still shot and return to the live camera mode.
- The still image is not saved. If you turn the unit off then on again, the still image will disappear.

(f) Mirror View

CANDY GRIP offers a unique Mirror View camera.

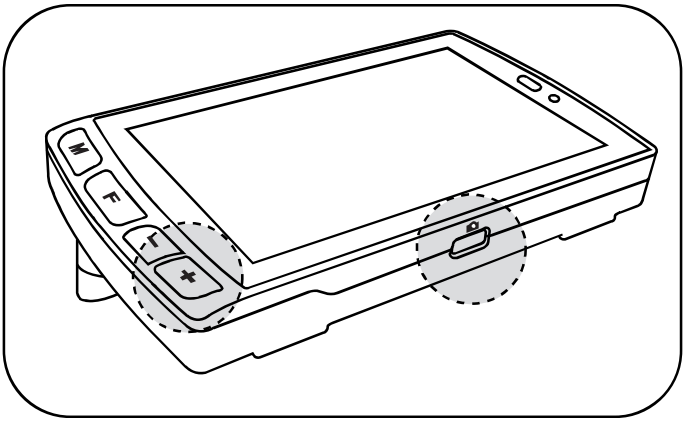


- Press the **Camera Selection button** located on the opposite side from the handle to switch the camera from the reading camera to the Mirror View camera.
- When you switch to the Mirror View camera, the **Zoom Up**, **Zoom Down, Freeze Image,** and **Camera Selection buttons** may still be used.
- To switch back to the reading camera, press the **Camera Selection button** again.

(g) Other Functions

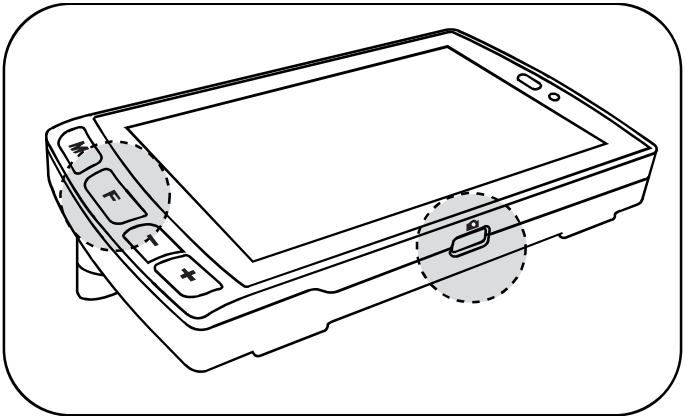
⑦ LCD Brightness Control

You may change the brightness level of the LCD to accommodate your visual needs and preferences.



- Change the brightness level by pressing the **Zoom Up button** while at the same time pressing the **Freeze Image button**.
- Pressing these buttons will circulate through 3 brightness levels.

② LED Lights Control Modes



- Press the **Focus button** while at the same time pressing the **Freeze Image button** to change the LED lights modes.
- The LED lights may be set for 3 different modes: Auto, Always On, Always Off
- In the Auto lights mode, if you lift the unit up from the reading material, the lights will turn off automatically. The lights will turn on when you get closer to the reading material. This function prevents you from shining the LED lights into someone's eyes.
- When you power off the unit while in Always Off mode, the unit will reset automatically to Auto Lights mode.

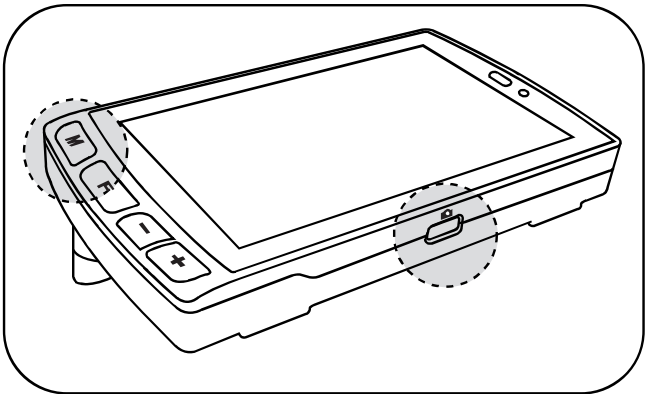
③ Power Saving Mode

The CANDY GRIP features a power saving mode to conserve the battery.

- If you don't move the unit or press any buttons for more than 2 minutes, the LCD screen will turn off. This is power saving mode.
- If you move the unit or press any buttons when the power saving mode is activated, the LCD screen will turn on automatically.
- If you don't move the unit or press any buttons for more than 3 minutes when the power saving mode is activated, the unit will power off automatically.

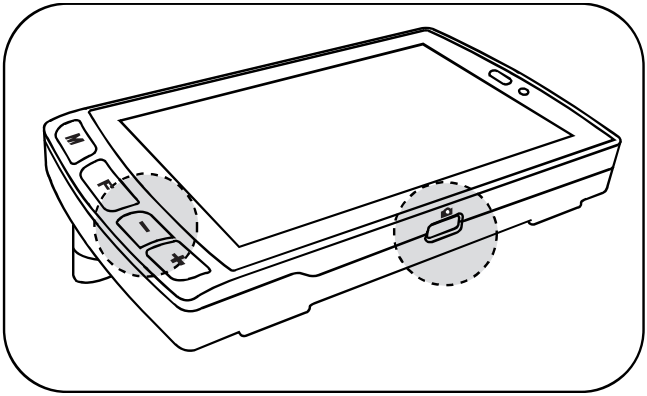
Turning Beep Tones On/Off

Each button is designed with an assigned beep tone to confirm the button has been pressed. The beep tones may be turned on or off.



- To toggle the beep tones On/Off, press the **Color Mode button** while pressing the **Freeze Image button**.

⑤ Checking the Battery Status



- To check battery charge status, press the **Zoom Down button** while pressing the **Freeze Image button**. The icon display will indicate the battery charge status.
- The battery status icon indicates 5 levels: Full, High, Medium, Low and Very Low.
- The battery status icon will flicker when the battery level is too low, indicating it should be charged immediately by connecting the AC adapter to DC jack.

(h) How to Use the Legs

There are two sets of legs with different heights. You can fold or unfold each leg independently.

① Using the Shorter 20mm Legs

- Fold the handle and unfold the shorter 20mm leg which is on the opposite side of the handle.
- The minimum magnification level when the shorter 20mm legs are unfolded is 5.6x.

② Using the Higher 40mm Legs

- Unfold the leg under the handle and unfold the higher 40mm leg which is on the opposite side of the handle.
- The minimum magnification level using these legs is 2.8x.

7. Trouble Shooting

(a) CANDY GRIP won't power on

Connect the AC adapter to the DC jack and charge the battery for at least 3 hours.

(b) CANDY GRIP powers on, but the image cannot be seen on the LCD screen

The battery charge status may be low. Connect the AC adapter to the DC jack, then power on. If the unit displays an image on the LCD screen and all the button functions operate properly then charge the battery for at least 3 hours.

If you don't move the unit or don't press any button for more than 2 minutes, the power saving mode is activated. On the power saving mode, the screen will be black. Just move the unit or press any button to interrupt the power saving mode.

(c) Auto focus doesn't work

Check the Focus Mode. If the Focus Mode is set to Manual Focus Mode, the camera will focus only when you press and hold the **Focus button (F)**. Press the **Focus button (F)** for 2 seconds until you hear the beep tone indicating the change to the Auto Focus Mode.

(d) The LCD screen appears dirty even though you've cleaned the screen with the LCD screen cleaning cloth provided

Look carefully at both cameras. If there is dust on either camera, the image will not look like it's in focus and the auto focus will not work properly. Clean the camera with the LCD screen cleaning cloth provided.

(e) Turning off the beep tones

When you press any button, you hear the beep sounds. If you don't want to hear it, press both the **Color Mode button** and the **Freeze Image button** simultaneously to turn off the beep tones.

(f) Image on the screen is too dark or too bright

Adjust the brightness level of the LCD screen. Press the **Zoom Up button** while pressing the **Freeze Image button**. The brightness level may be set at any of 3 levels.

(g) LCD screen turns off suddenly

The unit may be in power saving mode. If you don't move the unit or don't press any buttons for 2 minutes, the power saving mode is activated. In the power saving mode, the LCD screen will be a blank, have a dark display. Just move the unit or press any button to deactivate the power saving mode.

If the battery is too low or totally discharged, the unit will power off. Connect the AC adapter to the DC jack and charge the battery for at least 3 hours.

(h) The battery has been fully charged for a long time, but the unit will only operate for a very short time

Check the battery charge status. If the status indicates a very low charge even though it was charged for at least 3 hours, either the battery isn't holding a charge or the AC adapter isn't charging the battery.

Check the AC adapter by plugging it into the DC jack, then power on the unit. If the unit powers on and continues to operate, then the AC adapter is confirmed to be operational. In this case, the AC adapter should be charging the battery.

The rechargeable battery may have died. The life of batteries deplete if you have recharged it many times and used it for a long period of time. Call HIMS or your local Dealer for further technical support.

To best manage the battery life, charge the battery frequently before it is completely discharged. If you will not be using your CANDY GRIP for a period of time longer than one month, fully charge the battery prior to an extended non-use period. Otherwise, the battery may not be rechargeable in the future.

8. Technical Specifications

(a) Screen: 5-inch wide type LCD

(b) Magnification Range

- When using legs: 2.8x-22x
- Minimum Magnification Level:
  1.5x when lifting the camera above the reading text or photo.

(c) Brightness: 3 levels

(d) Color Modes: 5 Color Modes

(e) Battery: Rechargeable lithium polymer

- Continuous Use: 4.5 hours
- Recharge Time: 3 hours

(f) Dimensions: 5.7” (L) x 3.3” (W) x 0.6” (H)

(g) Weight: 9.9 ounces/ 280g

※ [Note] Product specifications and this User Manual subject to change and modification without prior notice.

9. Warranty

(a) CANDY GRIP is covered by the manufacturer's 2-year limited parts and labor warranty from the original date of purchase when purchased new. Warranty term for the battery is 6 months.

(b) Warranty does not cover any problems due to improper use, damage or abuse whether intentional or unintentional by the user or disassembly of the unit by any unauthorized person.

An FCC warning

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

※ CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

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